SMPTE Journal®

Published by the Society of Motion Picture and Television Engineers, Inc.

VOLUME 105 NUMBER 1 JANUARY 1996/PART II

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SOCIETY OF MOTION PICTURE AND TELEVISION ENGINEERS

In 1916, the confusion arising in the U.S. and abroad, through want of cooperation and standardization in the motion-picture industry, prompted C. Francis Jenkins, an inventor and scientist, to interest a dozen manufacturers and their technicians in establishing a society which would have for its avowed purpose "advancement in the theory and practice of motion-picture engineering and the allied arts and sciences, the standardization of the mechanisms and practices employed therein, and the dissemination of scientific knowledge by publication." Today, 80 years later, that organization is an international award-winning technical society and its scope now includes film, television, computer imaging, telecommunications .... and the related arts and sciences.

The publication of the Society of Motion Picture Engineers was originally called Transactions, until January 1930 when the name was changed to the Journal of the SMPE. In 1950, when the name of the society became the Society of Motion Picture and Television Engineers, defining its expanding interest in televison, the publication became Journal of the SMPTE. On the 60th anniversary of the SMPTE, in 1976, the title was shortened to SMPTE Journal.

This is the thirteenth cumulative index issued by the Society — the first covered the period from July 1916 to July 1930. The outline of Subject Categories on the opposite page has been expanded over the years to include a wider range of subject matter in order to be as useful as possible to members, researchers, and students.

SOCIETY OF MOTION PICTURE AND TELEVISION ENGINEERS
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Compiled and produced by MaryAnn Frusciante

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Characterization of the Recordable Digital Videodisc for Recording MPEG-2 Data Stream Using EFM Channel Code, *Isailovic*, **104:**600, Sept. 1995
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Hollywood Section, SMPTE/USC Spring '92 Seminar, report, **101:**892, Dec. 1992
Hong Kong Section formed, Society's 28th, **104:**237, Apr. 1995
Montreal/Quebec/Ottawa/Toronto/Rochester Sections Mini-Conference, report, *Green*, **101:**632, Sept. 1992
New York Section All-Day Tutorial, announcement, **103:**55, Jan. 1994; report, **103:**410, June 1994
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New Sections and Chapters

Australia South Section, newly formed, **100:**376, May 1991; profile, **100:**892, Nov. 1991
Hong Kong Section formed, Society's 28th, **104:**237, Apr. 1995
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Student chapters approved: Fitchburg State College, **100:**376, May 1991; San Francisco State University, **101:**358, May 1992; San Jose State University, **100:**441, June 1991

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Profiles

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Bit-Serial Digital Signal Jitter Causes, Effects, Remedies, and Measurement, *Robin*, **103:**150, Mar. 1994
Channel Coding Approaches and Consequences —Single and Dual Carriers, tutorial, *Reitmeier, Klensch,* and *White*, **103:**608, Sept. 1994
Clock Rate Conversion for Digital Video, *Hamalainen*, **101:**394, June 1992
Composite Compatible Component Coding (Com^3), *Jones* and *Thomas*, **104:**139, Mar. 1995
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Design Considerations For Serial Digital Television Systems, *Reynolds*, **102:**1120, Dec. 1993
Digital Compatible HDTV Using Upconverted NTSC Video, *Kim* and *Naimpally*, **102:**119, Feb. 1993
Digital Signal Conversion, tutorial, *Strachan* and *Conrod*, **104:**356, June 1995
Digital Signal Distribution in a Combined Digital/Analog Environment, *Connell*, **103:**330, May 1994
Digital Switching of FM Video, *Forcucci* and *Cooperman*, **103:**502, Aug. 1994
Digital Television Broadcasting Dreams, Decisions, and Destinies, *Davies*, **102:**32, Jan. 1993
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Digital-to-Analog Conversion—Data and Filter Requirements, *Baker, Fibush,* and *Penney*, **104:**120, Mar. 1995
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EDH—Error Detection and Handling in Digital Television, tutorial, *Strachan* and *Conrod*, **104:**662, Oct. 1995
Encipherment and Conditional Access, tutorial, *Guillou* and *Giachetti*, **103:**398, June 1994
The Evolution of Digital Audio and Video Format Conversions, *Reynolds*, **103:**644, Oct. 1994
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Wavelets and Image Compression, tutorial, *Huffman*, **103:**723, Nov. 1994

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133rd Technical Conference, call for papers, **100:**191, Mar. 1991; **100:**307, Apr. 1991; **100:**371, May 1991; guest speakers **100:**438, June 1991; **100:**551, July 1991; schedule, **100:**641, Aug. 1991; preview, **100:**706, Sept. 1991; exhibit directory, **100:**820, Oct. 1991; Conference report, **100:**979, Dec. 1991

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135th Technical Conference, call for papers, **102:**217, Mar. 1993; **102:**343, Apr. 1993; **102:**422, May 1993; **102:**522, June 1993; **102:**626, July 1993; **102:**715, Aug. 1993; preview, exhibit directory, **102:**804, Sept. 1993; update, **102:**940, Oct. 1993; Conference report, **103:**26, Jan. 1994
Program Chairman's Address, *Erland*, **104:**182, Mar. 1994

136th Technical Conference,
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Conference report, **104:**26, Jan. 1995

137th Technical Conference, call for papers, chairmen named, **104:**49, Jan. 1995; **104:**86, Feb. 1995; **104:**157, Mar. 1995; **104:**235, Apr. 1995; **104:**294, May 1995; **104:**386, June 1995; preview **104:**540, Aug. 1995; Conference report, **104:**808, Dec. 1995

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25th Annual TV Conference, advance program, **100:**42, Jan. 1991; Tutorial Seminar on Digital Recording, report, **100:**297, Apr. 1991
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26th Advanced Television and Electronic Imaging Conference (formerly 26th Annual TV Conference), call for papers, **100:**552, July 1991; **100:**640, Aug. 1991; **100:**705, Sept. 1991; **100:**819, Oct. 1991; **100:**891, Nov. 1991; update, **100:**978, Dec. 1991; preview, **101:**31, Jan. 1992;
Conference report, **101:**278, Apr. 1992

27th Advanced Television and Electronic Imaging Conference, (name change as of Jan. 1993 to 1993 Annual Advanced Television and Electronic Imaging Conference), call for papers, **101:**719, Oct. 1992; **101:**814, Nov. 1992; **101:**892, Dec. 1993; preview, **102:**38, Jan. 1993;
Conference report, **102:**344, Apr. 1993

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Conference report, **104:**226, Apr. 1995
Introduction, *George*, **104:**292, May 1995

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IBC95, SMPTE booth, Stan Baron receives award, **104:**763, Nov. 1995

IEE Conference, Storage and Recording Systems-1993, SMPTE a sponser, **102:**956, Oct. 1993

NAB Convention, SMPTE participation, report, 70th, **101:**434, June 1992;
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SMPTE Hollywood Education Committee, sponsored seminar with UCLA Extension program, **100:**376, May 1991
SMPTE/Royal Television Society, tutorial series, **100:**728, Sept. 1991
SMPTE seeking schools for grant program for graduate-level students, **100:**376, May 1991
SMPTE/USC Spring '92 Seminar, report, *Swartz*, **101:**892, Dec. 1992
Workshop on DTTB, SMPTE and ITU-RCB, **102:**356, Apr. 1993

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Engineering Technology Committees Reorganization to Take Effect, **100:**896, Nov. 1991
Film Technology, F2, revising ANSI/SMPTE 109-1986 and ANSI/SMPTE 110-1986, **100:**377, May 1991
Laboratory Services Technology, L6, **100:**137, Feb. 1991
New Technology, N15, **100:**377, May 1991
Television Technology, T14, **100:**76, Jan. 1991
Theatrical Projection Technology, P3, **100:**557, July 1991; **100:**834, Oct. 1991
TV Recording and Reproduction Technology (V16) halts work on proposed standard on television analog recording, **101:**359, May 1992

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Board of Governors approves new engineering procedures, **100:**312, Apr. 1991
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SMPTE test pattern featured in television commercial, **101:**724, Oct. 1992

Study Groups/Working Groups

Ad-Hoc group to develop control dialect for video and audio servers, **104:**771, Nov. 1995
Ancillary Data (S17.10) preparing documentation on digital video interfaces, **101:**359, May 1992
Digital Audio for Television, T14.40, **100:**196, Mar. 1991
Digital Audio Interfaces for Television, **102:**429, May 1993
Digital Control, T14.10, **100:**442, June 1991; P18.10, develops new network standards, **103:**687, Oct. 1994; ad hoc group being formed, **104:**771, Nov. 1995
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